

Output

Incubation and Dynamic Scanning

Temperature Controlled Incubator (cool to T1)

30

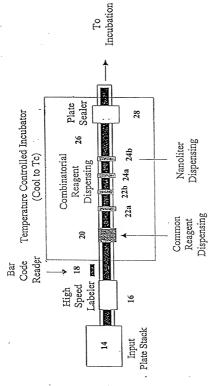
Agitation

Removal

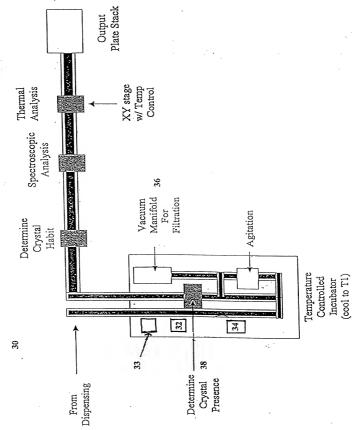
Determine Presence

Crystal

of Precipitants







## Isothermic crystallization

Generation of stock saturated solutions using

A. Add excess compound to each stock solution

B. Throughly . mix, filter solutions to remove any undisolved material

III. Examine crystallinity by birefringence

II. Monitor precipitation (optical density)

IV. Test crystal forms by XRPD
IV. Different crytals tested by DSC and TG

## FIG. 3B

## l'emperature-mediated crystallization

I. Generation of stock saturated solutions using

A. Add excess compound to each stock colution at various temps 80°C, 60°C, 40°C, 20°C, 10°C





undigalved material. Maintain original temperature B. Throughouly mix, filter solutions to remove any

II. Temperature ramp downs

----**A**9¢ --->-20C ---×20¢ -->g 80C stock 👹 👣 😭 60C stock 💯 👹 40C stock 20C stock OC stock

FIG. 30

## Evaporative crystallization

I. Generation of stock saturated solutions using

II. Controlled pressure ramp down (temperature)

A. Add excess compound to each stock solution



B. Thoroughly mix, filter solutions to remove any un-dissolved material. Maintain original temperature

Raman IntensityWavenumber

